

Applicant : Muraleedharan G. Nair

Filed :

Examiner :

INFORMATION STATEMENT UNDER

Dear Sir:

Applicant respectfully asserts that the substantive provision of 37 CFR 1.97 and 37 CFR 1.98 are met by the provision of the foregoing statement.

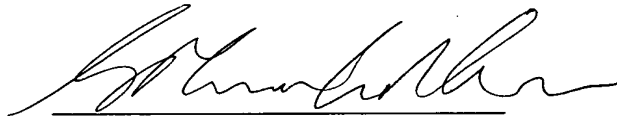
(1) U.S. Patent No. 6,231,866, and published

Application Nos. 2002/0168429 A1 to Mann, attached hereto. These references do not suggest Applicant's invention, which involves the removal of acids and sugars from the juice before being combined with the berry pulp. The acids in particular contribute to the degradation of the anthocyanins.

(2) U.S. Patent Application 2002/0018821 A1 attached hereto, which discloses a process for separating anthocyanins (anthocyanasides) which does not disclose the use of berry pulp as a carrier.

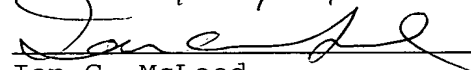
(3) The Appeal in Serial No. 09/383,324, filed August 26, 1999 is referenced as is U.S. Patent No. 6,423,365.

Respectfully,



Muraleedharan G. Nair

Date: 2/10/04



Ian C. McLeod

Registration No. 20,931

Date: 2/10/04

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Compleat If Known	
	Application Number			
	Filing Date			
	First Named Inventor	Muraleedharan G. Nair		
	Art Unit			
	Examiner Name			
Sheet	1	of	3	Attorney Docket Number
				MSU 4.1-690

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	US-	5,266,685		Garbutt	
	AB	US-	5,665,783		Katzakian et al	
	AC	US-	5,817,354		Mozaffar	
	AD	US-	5,503,867		Pleva	
	AE	US-	4,297,220		Meitzner et al	
	AF	US-	6,231,866			
	AG	US-	2002/0168429		Mann	
	AH	US-	2002/0018821			
	AI	US-	6,423,365			
	AJ	US-	6,086,910		Howard et al	
	AK	US-	6,099,854		Howard et al	
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind ⁵ (if known)				

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/08B (10-95)
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			Application Number		
			Filing Date		
			First Named Inventor		
			Group Art Unit		
			Examiner Name		
			Attorney Docket Number		
Sheet	2	of	3	MSU 4.1-690	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A 1	Kinsella et al., Food Tech. 85-89 (1993)	
	A 2	Tsuda, T., et al., J. Agric. Food Chem. 42:2407-2410 (1994)	
	A 3	Halliwel, B. and J.M.C. Gutteridge, Free radicals in biology and medicine. Oxford Univ. Press, New York 416-494 (1989)	
	A 4	Osawa, T., et al., Role of dietary antioxidants in protection against oxidative damage. In anti-mutagenesis and anticarcinogenesis Mechanisms; Kuroda, Y.: Shankel, D.M., Waters, M.D., Eds. Plenum Publishing. New York 139-153 (1990)	
	A 5	Li, K. C., et al., J. Am. Chem. Soc. 78:979-980 (1956)	
	A 6	Harborne, J. B., et al., Phytochemistry 3:453-463 (1964)	
	A 7	Dekazos, E.D., J. Food Sci. 35:237-241 (1970)	
	A 8	Chandra, A., et al., J. Agric. Food Chem. 40:967-969 (1992)	
	A 9	Shrikhande, A.J. and F.J. Francis, J. Food Sci. 38:649-651 (1973)	
	A 10	Chandra, A., et al., J. Agric. Food Chem. 41:1062-1065 (1993)	

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(Information Disclosure Statement by Applicant (PTO/SB/08B) Other Prior Art—NonPatent Literature Documents (1449A/PTO) [6-2.1]—page 1 of 1)

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	Examiner Name				
Sheet	3	of	3	Attorney Docket Number	MSU 4.1-690

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A11	Gomaa et al., IFT Abstracts No. 68E-7 (1996).	
	A12	Wang, H., et al., J. Agric. Food Chem. 45:2556-2560 (1997)	
	A13	Arora, A. and G. M. Strasburg, J. Amer. Oil Chem. Soc. 74:1031-1040 (1997)	
	A14	MacDonald, R.C., et al., Biochim. Biophys. Acta 1061:297-303 (1991)	
	A15	Wang, et al., J. Nat. Products 62:294-296 (1999)	
	A16	Wang, et al., J. of Ag. and Food Chemistry 47:840-844 (1999)	
	A17	Wang, et al., J. Of Nat. Products, 62:86-88 (1999)	
	A18	Supelco; AMBERLITE XAD-2 POLYMERIC ADSORBENT, Sigma-Aldrich Co. (1997)	

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